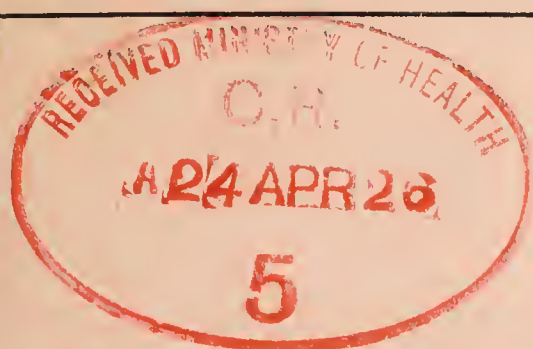


**With the Medical Officer's  
Compliments.**



## **CITY OF RIPON.**

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**Reports of the  
Medical Officer of Health,  
Sanitary Inspector**

**AND**

**Veterinary Officer**

**FOR THE**

**Year ended 31st December, 1925.**

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**RIPON :**

**Marks, "Observer" Printing Works.**



# CITY OF RIPON.



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## Health and Buildings Committee

The Mayor.  
(Mr. Councillor Harker),

*Chairman*

Mr. Councillor Dixon,

*Members*

Mr. Alderman Newton, *Deputy Chairman*

Mr. Alderman Hemsworth

Mr. Councillor Briscoombe

„ Coates.

„ Spence


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*Public Health Staff*

*Medical Officer of Health* - W. D. Jefferson, M.R.C.S., L.R.C.P.

*Sanitary and Housing Inspector* - R. D. Irving, C.R.S.I.

*Veterinary Surgeon* - J. R. Simpson, M.R.C.V.S.



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CITY OF RIPON.

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**Report**  
OF THE  
**Medical Officer of Health**  
FOR THE  
Year Ended 31st December, 1925.

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Town Hall, Ripon,  
April, 1926.

Mr. Mayor and Gentlemen,

I have the honour to present to you my fifteenth Annual Report upon the Health and Sanitary conditions of the City.

This report is compiled in accordance with the memoranda of the Ministry of Health.

The death rate is slightly lower than last year, and compares favourably with previous years.

The achievements of the past should encourage us to pursue with renewed vigour all those lines of sanitary improvement which experience teaches us to be sound, and which are likely to be rewarded with success.

It is pleasing to note that the Council have erected new houses. This will not only relieve overcrowding, but present an opportunity for dealing with insanitary properties.

Much remains to be done, but perhaps the two directions in which the effort is specially needed, are the education of the people in the ways of living and the purification of the atmosphere in public buildings and private houses.

### GENERAL STATISTICS.

Area (in acres)	..	..	..	1812
Population, 1925	..	..	..	8131
Number of inhabited houses	..	..	..	2104
Rateable value	..	..	..	£50,971
Sum represented by one penny rate	..	..	..	£177

### PHYSICAL FEATURES AND GENERAL CHARACTER OF THE DISTRICT.

The old City stands 130 feet above sea level and is situated at the confluence of the rivers Ure, Laver and the Skell.

The subsoil consists largely of gravel and is well drained.

There are industries in the district consisting of four varnish and paint manufacturers, two engineering firms and three saw mills.

The number of workpeople engaged on industrial work is not on an average more than 500, the district being more residential than industrial.

### VITAL STATISTICS.

The following gives the number and rates of births and deaths properly belonging to this district (i.e.) after births and deaths have been transferred to their own particular district.

			Males.	Females.	Total.
Births	..	..	70	72	142
Illegitimate	..	..	3	4	7
Deaths	..	..	48	53	111
Deaths of infants under 1 year			8	1	9
Birth Rate	..	..	17.46	per 1000	
Death Rate	..	..	12.42	,,	
Infantile Mortality rate					
under 1 year	..	..	63.38	.,	births



# Birth-rate, Death-rate, and Analysis of Mortality during the year 1925.

Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1925, while those for the towns have been calculated on populations estimated to the middle of 1924. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.

	Birth-rate per 1000 total Population.	Annual Death-rate per 1,000 Population.										Rate per 1,000 Births.		Percentage of Total Deaths.		
		All causes	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis (under 2 yrs.)	Total Deaths under 1 year.	Causes of Death certified by Registered Medical Practitioners	Inquest Cases.	Uncertified Causes of Death.	
England and Wales ..	18.3	12.2	0.01	0.00	0.13	0.03	0.15	0.07	0.32	0.47	8.4	75	92.1	6.9	1.0	
105 County Boroughs & Great Towns, including London ...	18.8	12.2	0.01	0.00	0.17	0.03	0.18	0.09	0.30	0.43	10.8	79	92.1	7.3	0.6	
157 Smaller Towns (1921 adjusted Populations 20,000-50,000) ...	18.3	11.2	0.01	0.00	0.15	0.02	0.14	0.06	0.31	0.38	7.6	74	93.0	5.9	1.1	
London ...	18.0	11.7	0.01	0.00	0.08	0.02	0.19	0.11	0.23	0.46	10.6	67	91.1	8.9	0.0	

## CAUSES OF DEATH.

	Males	Females
All causes .. ..	48	53
Measles .. ..	0	1
Diphtheria .. ..	1	0
Influenza .. ..	2	2
Tuberculosis of respiratory system .	3	2
Other tubercular diseases ..	1	1
Cancer malignant disease ..	6	9
Diabetes .. ..	1	1
Cerebral hæmorrhage .. ..	4	10
Heart disease} .. ..	2	8
Arterio-sclerosis .. ..	1	1
Bronchitis .. ..	1	4
Pneumonia (all forms) .. ..	5	0
Ulcer of stomach or duodenum ..	1	0
Diarrhœa &c. (under 2 years) ..	1	0
Appendicitis and Typhlitis ..	3	1
Cirrhosis of liver .. ..	0	1
Acute and chronic nephritis ..	4	0
Congenital debility and malformation, Premature birth .. ..	2	1
Other defined diseases .. ..	10	11
Deaths of infants under 1 year ..	8	1

DEATHS WHICH OCCURRED IN THE CITY AT  
AGE GROUPS.

Ages	Number
Under 1 year .. ..	9
1 and under 2 .. ..	0
2 „ 5 .. ..	4
5 „ 15 .. ..	4
15 „ 25 .. ..	5
25 „ 45 .. ..	11
45 „ 65 .. ..	30
65 „ 70 .. ..	13
Over 70 years of age .. ..	36

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112

Of the above deaths registered, 10 died in the Workhouse Infirmary, 9 in the Cottage Hospital, 1 in the Isolation Hospital, and 3 in Harrogate Infirmary.



## RECORD OF BIRTHS AND DEATHS SINCE 1911.

Year.	Births.	Deaths in public institutions.	Total deaths.	Death rate per 1000.	Deaths from zymotic diseases.	Deaths under 1 year.	Deaths over 65.
1911	163	20	137	16.50	3	28	56
1912	154	23	107	13.00	2	8	46
1913	148	23	111	13.50	1	14	58
1914	136	22	114	13.80	1	12	47
1915	153	56	194	23.04	19	17	83
1916	185	29	144	17.64	19	16	60
1917	169	*	117	13.43	5	15	0
1918	190	28	171	20.66	17	25	50
1919	167	*	145	17.07	2	25	0
1920	205	*	111	13.7	1	22	0
1921	205	*	97	11.67	1	8	0
1922	154	*	115	13.83	5	8	61
1923	144	29	98	11.88	0	3	63
1924	144	23	108	13.15	0	11	57
1925	142	<b>20</b>	<b>112</b>	12.42	1	<b>9</b>	49

\* No record for these years.

## RECORD OF INFECTIOUS DISEASES SINCE 1911.

Year.	Scarlet fever.	Enteric. fever.	Diph- theria.	Erysi- pelas.	Small- pox.	Pueperal fever.	Total.
1911	17	5	4	3			29
1912	7	2	8	3			20
1913	7	1	2	2		1	13
1914	18	0	6	8			32
1915*	8	1	47	1			57
1916*	17	0	38	9		1	65
1917*	4	0	11	4			19
1918	6	0	15	2			23
1919	11	0	9	2			22
1920	27	2	5	1		3	38
1921	12	1	2	0			15
1922	7	1	2	1			11
1923	2	0	2	1		1	9
1924	3	2	1	3			6
1925	33	0	4	1			38

\* The high disease rates for 1915-16-17 was largely due to the overcrowding which arose from the establishment of a large camp at Ripon.

During the year measles and chicken pox have been included in the notifyable diseases and the following cases have been reported :—

		1923	1924	1925
Measles ..	..	22	39	47
Chicken Pox	..	27	7	95

### CAUSES OF SICKNESS.

There has been an epidemic of scarlet fever of a mild type and also of measles and chicken pox.

The two latter, recently made notifyable, have always more or less been present.

### NURSING ARRANGEMENTS, &c.

The private nursing in the district is generally undertaken by the Nursing Home.

The County Council have an arrangement with the Nursing Home for the supply of nurses for district visiting, and also for the control of a Child Welfare Organisation which is doing very good work.

The district visitors call upon expectant mothers and frequently visit the houses until the mother is quite well, when every effort is made to influence the parents to attend the Child Welfare Centre.

### TUBERCULOSIS.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non pulmonary.		Pulmonary.		Non pulmonary.	
	M	F	M	F	M	F	M	F
5 to 10	0	1	0	2	0	0	1	0
10 to 15	0	0	0	0	0	0	0	0
15 to 20	0	1	0	0	1	0	0	0
20 to 25	0	1	0	0	0	0	0	0
25 to 35	2	3	0	0	1	1	0	1
35 to 45	2	2	0	0	1	1	0	0
45 to 55	1	1	0	0	0	0	0	0
55 to 65	0	0	0	0	0	0	0	0
65 and upwards	0	0	0	0	0	0	0	0
Total	5	9	0	2	3	2	1	1

## INFECTIOUS DISEASES ISOLATION.

The infectious disease hospital is situated within the City and is under the joint control of the City and Rural District Councils.

The Hospital is provided with an up-to-date steam disinfecter and has a cab ambulance for the removal of fever patients.

The horse ambulance is kept at Mr. Harbisher's Allhallowgate, for other cases.

## SMALLPOX HOSPITAL.

The hospital for smallpox is situated well out in the country, is a joint hospital for the use of Rural and City patients, but is maintained wholly by the City Council.

Fortunately this hospital has not been required for smallpox since 1904, but should an outbreak occur in the district, the consequences might be alarming, on account of the vaccination exemption granted.

A rough estimate of unvaccinated children in the City under 10 years of age is 380.

The following figures show the exemption during the year 1925. The total number of children registered was 187 (Urban and Rural).

Number vaccinated	..	..	..	111
Exemptions	..	..	..	59
Died Unvaccinated	..	..	..	8
Unvaccinated	..	..	..	9
				<hr/>
				187

## LABORATORY WORK.

All pathological and bacterial examinations are made at the County Laboratories and the present arrangements are highly satisfactory.

Diphtheria antitoxin is supplied free to the Local Medical Practitioners at the Isolation Hospital and is used in nearly all such cases.

## WATER SUPPLY.

The City Waterworks, established 1884-5, are situated at Lumley Moor, about 7 miles from Ripon. The reservoir is

estimated to have a capacity of 88,000,000 gallons, and has a drainage area of 700 acres. The supply to the inhabitants is constant.

The quality of water supplied to the district is as follows:

County Analyst's Office,  
Bradford,

February 3rd, 1925.

# ANALYTICAL REPORT UPON SAMPLE OF WATER FROM RIPON.

Received January 28th, 1925.

Description Ripon City Water Supply.

Total solid matter	..	8.00
Chloride (combined)	..	.70
Nitrites	..	none
Nitrogen as nitrites	..	none
Free ammonia	..	.0028
Lead	..	none
Total hardness (Clark's scale)		3.00

This is remarkably soft and pure water.

(Sgd.) F. W. RICHARDSON,  
County Analyst.

## RAINFALL FOR 1925.

Taken at High Berrys, Ripon. Yore Valley.

Rain Gauge:—Diameter of funnel, 5 inches; height of top above ground, 1 foot; above sea level, 120 feet.

January	..	2.18
February	..	3.41
March	..	.93
April	..	3.46
May	..	3.42
June	..	.01
July	..	1.84
August	..	2.09
September	..	2.55
October	..	2.76
November	..	1.38
December	..	3.40

---

Total 27.43

(Signed) J. F. ADAMSON.



Rainfall for 1925 taken at South Crescent, Ripon. Laver Valley.

January	..	2.39
February	..	4.09
March	..	1.12
April	..	3.91
May	..	3.67
June	..	0.08
July	..	1.95
August	..	1.97
September	..	2.79
October	..	2.80
November	..	1.56
December	..	3.84
Total		<hr/> 30.12

(Signed) W. H. HUTCHINSON,  
The Meads, Ripon.

The above two reports are very interesting, showing that the rainfall in the Laver Valley has again been greater than in the Yore Valley.

### RIVERS.

There are three rivers running through the City, the Laver, the Skell and the Ure. The water is very clear, and used for boiler and manufacturing purposes by several of the industries situated in Ripon.

### SEWERAGE SYSTEM.

The sewers and sewage farm were constructed in 1895, and with the exception of a few isolated houses on the North and South side of the City (which discharge into septic tanks) the district is very well provided, both for present and future developments.

The drains of private dwelling houses have from time to time been renewed and this work will continue during the conversion of privy middens to water closets.

At present there are 144 privy middens and 136 pail closets, most of which are situated in the working class area.

During the year 71 privies, (2 pails and 3 tipplers) have been substituted by water closets.

### SCAVENGING.

All the dustbins are emptied weekly and in some cases twice per week. The privy conveniences are emptied monthly as far as possible.

### INQUESTS.

During the year 1925, inquests have been held or enquiries made by the Coroner (Dr. J. C. R. Husband) as to the causes of death within the city of Ripon of 9 cases.

They were certified as follows :

Suppurating Peritonitis.  
Heart Disease.  
Suicide by drowning.  
Apoplexy.  
Cerebral Hemorrhage.  
Fractured Base of Skull.  
Aortic Disease.  
Epilepsy.  
Syncope following convulsions.

### LIST OF MARRIAGES IN RIPON DURING THE YEAR 1925.

Ripon Cathedral	.. ..	33
St. Wilfrid's Roman Catholic Church		4
Holy Trinity Church	.. ..	2
Zion Chapel	.. ..	3
Primitive Methodist Chapel	.. ..	1
Wesleyan Chapel	.. ..	3
Registry Office	.. ..	22
		—
		68

FRED. S. METCALFE,

Registrar, Births, Deaths and Marriages.

### PUBLIC HEALTH STAFF.

Medical Officer of Health, Dr. W. D. Jefferson.

Sanitary and Housing Inspector, R. D. Irving, C.R.S.I.,

Veterinary and Meat Inspector, J. R. Simpson, M.R.C.V.S.



Mr. Simpson has been appointed Veterinary Inspector under the Milk and Dairies Act, for the purpose of inspecting dairy cows for tuberculosis.

### HOUSING.

Number of new houses erected during the year :—

(a) Total	.. .. .	26
(b) With State assistance under the Housing Acts, 1919 or 1923 and 1924 :		
(i) By the Local Authority	.. .. .	16
(ii) By other bodies or persons	.. .. .	9
(c) Other than subsidy houses	.. .. .	1

#### 1. Unfit dwelling-houses.

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	.. .. .	44
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	.. .. .	14
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	.. .. .	6
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	.. .. .	3

I wish to offer my sincere thanks to the Chairman of the Health Committee for his encouragement and help, and to the members for their courtesy and willingness to, at all times, consider suggestions for the improvement of the work of this department.

I have the honour to remain, gentlemen,

Your obedient Servant,

W. D. JEFFERSON,

Medical Officer of Health.

CITY OF RIPON.

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# Sanitary Inspector's Report

FOR THE

Year Ended 31st December, 1925.

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Town Hall, Ripon,

January, 1926.

TO THE CHAIRMAN AND MEMBERS OF THE  
HEALTH COMMITTEE.

Gentlemen,

I have the honour of submitting my second annual report since my appointment in November, 1923, giving a summary of the work carried out during the year.

## PUBLIC HEALTH ACTS.

The progress under this head has been maintained and compares with the records contained in the reports of previous years. As mentioned in previous reports, special attention has been given to the insanitary privy middens and pails existing in the district, seventy six having been removed during 1925, and which were substituted by fresh water closets.

It was my unpleasant duty to take court proceedings against an offender for not carrying out work required to be executed for the abatement of a nuisance, when the magistrates gave an order for the work to be completed within two months.

At the beginning of the year there were 54 nuisances outstanding. Of these, 22 have been abated, and are included in the list of work carried out.

Nuisances.	Number.
Privy middens abolished .. ..	71
Pan closets .. ..	2
Waste water closets abolished .. ..	3
Wash down w.c. substituted in lieu of privy and other insanitary conveniences .. ..	76
Inspection Chambers constructed in connection with privy conversion and other house drainage .. ..	42
Length of drains laid in connection with w.c.'s (yards) .. ..	304
Choked drains opened out .. ..	9
Houses entirely re-drained .. ..	15
Defective house drains repaired .. ..	13
Additional water closets provided .. ..	4
W.C. pedestals renewed .. ..	6
Houses provided with sinks with trapped waste pipes .. ..	4
Dustbins provided in lieu of middens, etc. ..	86
Dust bins provided in lieu of defective bins ..	34
Defective fall pipes dealt with .. ..	13
Eaves spouting dealt with .. ..	12
Roofs defective .. ..	10
Dirty houses dealt with .. ..	2
House floors repaired .. ..	6
Miscellaneous .. ..	40

In connection with the above, 133 letters and preliminary notices, also 28 formal notices, have been served.

#### INSPECTIONS, PUBLIC HEALTH ACT, &c.

Written complaints .. ..	24
Inspection of houses .. ..	314
Re-visits .. ..	99
Rat infested premises .. ..	6

Inspections (continued)

Meat food stores	..	..	..	47
Drains tested and examined	..	..	..	8
Picture Houses, &c., visited	..	..	..	34
Common lodging houses	..	..	..	52
Ice cream premises	..	..	..	20
Cowsheds and milkshops	..	..	..	52
Bakehouses	..	..	..	24
Workshops	..	..	..	31

FOOD STUFFS CONDEMNED.

Fish	..	..	..	3 stone
Ox Tongue	..	..	..	3½ lbs.
Tinned Milk	..	..	..	2 tins
Various tinned foods	..	..	..	91 tins

HOUSING ACTS.

Under the Housing Regulations, 1910, six houses have been inspected and recorded in accordance with the order.

Inspections were made in respect to the property at Heath's Court.

SANITARY CONVENIENCE.

The closet accommodation of the working class houses are on the conservancy system (i.e.), privy middens and pan closets.

The Corporation have resolved that all privies which can be dealt with under the Public Health Act, 1875, shall be converted into proper water closets.

As a result of non-compliance with notice in respect to the conversion of eleven privies in Vyner Street, the Council by resolution instructed your inspector to carry out the work.

The different types of conveniences are as follows:—

Houses using water closets and dust bins	..	1468
„ „ „ „ „ fixed ashpits	..	117
„ „ „ „ „ privy middens	..	70
„ „ waste water closets and dustbins		13
„ „ „ „ „ fixed ashpits		24
„ „ „ „ „ pail closets and dustbins	..	136
„ „ „ „ „ ashpits	..	1
„ „ „ „ „ privy middens	.. ..	144

### SALE OF FOOD AND DRUGS ACTS.

During the year 11 samples of food have been purchased and submitted for analysis, as follows:—

Butter ..	..	..	..	..	3
Milk ..	..	..	..	..	4

All the above samples were certified to be genuine except in a single case, where the vendor was warned that his milk must be kept up to standard.

### WORKSHOPS.

Premises.	Number.	Inspections.
Bakehouses	12	24
Meat food preparation	4	47
Boot and shoe repairers	10	31
Basket maker	1	
Cabinet makers and joiners	7	
Dress and mantle makers	4	
Laundries	3	
Millinery	6	
Motor repairers	8	
Monumental masons	1	
Printers	7	
Plumbers	9	
Shoeing smiths	5	
Saddlers & saddle tree makers	5	
Tailors	7	
Wheelwright	1	
	90	102

### SLAUGHTER HOUSES.

There are 13 slaughter houses in the City, six licensed, and the rest registered. Several of these are far from being satisfactory and the Committee having visited the premises are fully conversant with their requirements.

I remain, gentlemen,

Your obedient Servant,

A. ASHWORTH,

Sanitary & Food & Drugs Inspector.



VETERINARY INSPECTOR'S REPORT.

21, High Skellgate, Ripon.

Mr. Mayor and Gentlemen,

During the past year I have paid over 60 visits to the premises within the city, where milk is produced.

The average number of animals giving milk is about 70, all of which are sound, giving milk which is fit for human consumption.

Your obedient servant,

JOHN R. SIMPSON,

Veterinary Inspector.









